

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 63-215780

(43)Date of publication of application : 08.09.1988

(51)Int.Cl.

C09D 5/14

C08F 30/08

(21)Application number : 62-049783

(71)Applicant : DAINIPPON INK & CHEM INC

(22)Date of filing : 04.03.1987

(72)Inventor : IWAMURA GORO

KONNO EIJU

YOKOYAMA YUKIO

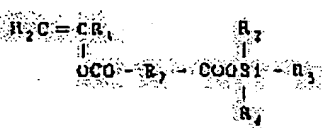
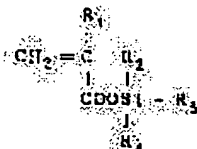
SHOJI AKIO

## (54) ANTIFOULING PAINT RESIN

### (57)Abstract:

**PURPOSE:** To form a resin suitable for producing, by incorporating an antifouling agent therein, a paint to prevent fouling in seawater, having excellent log-term antifouling property and used for the bottom of ships, by the copolymerization of specified vinyl monomers with other copolymerizable vinyl monomer.

**CONSTITUTION:** This antifouling print resin has a number-average molecular weight of 3,000W40,000 and is obtained by the copolymerization of 15W90wt.% mixture of a vinyl monomer (a) of formula I (wherein R1 is H or methyl; R2, R3, and R4 may be the same or different and are each alkyl, phenyl or allyl, provided that only one of them may be H), a vinyl monomer (b) of formula II [wherein R2, R3, and R4 are the same as in formula I; R5 is H, methyl, etc.; R6 is H or C<sub>n</sub>H<sub>2n+1</sub>COOR (wherein R is 1W4C alkyl)] and/or a vinyl monomer (c) of formula III (wherein R1, R2, R3, and R4 are the same as in formula I; R7 is alkyl, etc.) [with 10W85wt.% other copolymerizable vinyl monomer (d)].



## LEGAL STATUS

[Date of request for examination]

**BEST AVAILABLE COPY**

[Date of sending examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office